

Impact to Business Rules

With the exception of documentation only changes, there are no other revisions to the business rules. Changes to the business rules include additions or revisions to field or valid entry notes to clarify field use for Loop Make Up or Loop Qualification requests. These changes are found in the Notes and Conditions column of the business rules. Any fields that have changes to the field or valid entry notes are documented in the following section.

Business Rules Snapshot LSOG 4

(Only fields that have changes are captured in this section. Changes are in blue text)

This transaction will allow the external user to process two different query types. One option will allow the external user to process an inquiry to qualify facilities prior to placing an order. This option provides qualification of facilities for ISDN or Premium Link Service. A request which attempts to qualify both a new facility and an existing facility must be performed as separate transactions.

The second option will allow the external user to determine loop make-up criteria prior to placing an order. The minimum requirement for a loop make up inquiry is designation of location. Location may be designated by either a validated service address or working telephone number.

Both options may be processed by either service address or working telephone number. If by service address you should input the address as returned on the Address Validation Response to ensure qualification of correct facilities. When the telephone number is CLEC-owned, CLECs should validate using service address fields. In the case where it is a CLEC-owned switch, Verizon does not have inventory of the CLEC telephone number therefore the address should be used.

Loop Qualification (Query)								LSOG 4	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
4	TXTYP	Transaction Type	1	A	Required		1,1	Q= Loop Qualification Basic P= Loop Qualification Extended	Identifies type of transaction. Valid Entry Notes For Loop Qualification of ISDN or Premium Link Service: Basic Loop Qualification (TXTYP = Q) will provide an automated response. If the query returns unsuccessful, a second attempt should be done with TXTYP= P. Extended Loop- Qualification (TXTYP=P) will be routed to Outside Engineering for a more extensive search, but timeframe for return will be longer. For Loop Make Up request the initial inquiry will use TXTYP = P. See Appendix 2. 1, 2. 3 for all valid entries.
6a	CI	Customer Indicator	1	A	Required		1,1	C = CLEC R = Reseller	Identifies whether the request is from CLEC or Reseller. Field Notes Resellers qualify ISDN lines. CLECs qualify premium links. For Loop Make Up requests this information is not applicable, but must be supplied to enable the transaction to bypass existing edits.

Loop Qualification (Query)									LSOG 4
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
211	CHC	Reuse Existing Facility	1	A	Required		1,1	Y = Yes N = No	<p>This field is used to qualify an existing telephone number upgrade to ISDN or Premium Link Service.</p> <p>Field Notes For Loop Make Up requests this field is not applicable, but must be supplied to enable the transaction to bypass existing edits. "Y" should be provided if validating by Qualifying TN. "N" should be provided if validating by Service Address.</p> <p>Usage Notes A request that attempts to qualify both a new facility and an existing facility must be performed as separate transactions. ISDN/Premium Link loop qualification requests only.</p> <p>Valid Entry Notes "Yes" indicates the request for a regrade of the existing facility to support the required loop qualification. Only one loop may be qualified at a time. In the case: Validate by TN only. "No" indicates a request for new facilities, Facilities may or may not be available. In this case: Validate by address only. ISDN/Premium Link loop qualification requests only.</p>
30	QNR	*Number of Circuits Requested	*3	N	Required		1,1	001-999	<p>Total number of loops to be qualified.</p> <p>Valid Entry Notes For Loop Qualification of ISDN or Premium Link Service: If CHC = Y, then QNR = 1. If CHC = N then QNR = # of facilities requested.</p> <p>For Loop Make Up: QNR = 1.</p>

Loop Qualification (Query)								LSOG 4	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
35d	ADDFAC	# of Additional Facilities Needed	2	N	Conditional		0,1		<p>Provides the numbers of brand new loops that are required.</p> <p>Valid Entry Notes For Loop Qualification of ISDN or Premium Link Service: Required if CHC = N, otherwise prohibited. When CHC = N and INQACT = A, then ADDFAC = # of facilities requests.</p> <p>For Loop Make Up: Required if CHC = N, otherwise prohibited. ADDFAC = 1.</p>
36	NPANXX	*Local Service Office	6	N	Conditional		0,1		<p>Identifies the NPA-NXX of the local service central office of the end user service location.</p> <p>Field Notes For Loop Make Up this field must be sent populated with 999999. If anything other than 999999 is entered the query will be treated as an extended loop qualification requests instead of a Loop Make up request.</p> <p>Usage Notes For Loop Qualification of ISDN or Premium Link Service: Required when QUALTEL is populated.</p> <p>Valid Entry Notes A dash is prohibited between the NPA and the NXX.</p>

Loop Qualification (Query)								LSOG 4	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
99b	REMARKS	Remarks	2000	AN	Conditional		0,1		<p>Identifies a free flowing field which can be used to expand upon and clarify other data on this form.</p> <p>Field Notes For Loop Qualification of ISDN or Premium Link Service: If a working Telephone Number is not provided, the TC must provide in remarks, either a working circuit, nearest pole number or nearest subscriber at the End User Location.</p> <p>For Loop Make Up enter "Loop Make Up Request".</p> <p>Usage Notes Prohibited on Basic loop qualification (TXTYP value Q). Required for Extended Loop Qualifications (TXTYP value P).</p>

This transaction returns the disposition of the pre-order basic/extended loop qualification or loop make up query. This transaction is sent only in response to an inquiry.

Loop Qualification (Response)								LSOG 4	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
4	TXTYP	Transaction Type	1	A	Required		1,1	Q= Loop Qualification Basic P= Loop Qualification Extended	<p>Identifies type of transaction.</p> <p>Valid Entry Notes For Loop Qualification of ISDN or Premium Link Service: Basic Loop Qualification (TXTYP = Q) will provide an automated response. If the query returns unsuccessful, a second attempt should be done with TXTYP= P. Extended Loop- Qualification (TXTYP=P) will be routed to Outside Engineering for a more extensive search, but timeframe for return will be longer.</p> <p>For Loop Make Up request the initial inquiry will use TXTYP = P.</p> <p>See Appendix 2. 1, 2. 3 for all valid entries.</p>

Loop Qualification (Response)									LSOG 4
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
6b	STATUS	Status	200	AN	Conditional		0,1		<p>Seven possible values are returned.</p> <p>Field Notes For Loop Qualification of ISDN or Premium Link Service: Requery using TXTYP of P. If second attempt is unsuccessful follow up with the TISOC.</p> <p>Usage Notes Prohibited for Partial Match. For Loop Qualification of ISDN or Premium Link Service: The valid entries: Return for Insufficient Information, Inquiry Successful, Return Inquiry to Sales, and Inquiry Complete are only returned for Loop Qualification Extended.</p> <p>For Loop Make Up: Valid entry: Inquiry Complete.</p>
6f	ENGRMKS	Engineering Remarks	2000	AN	Conditional		0,1		<p>Includes engineering remarks.</p> <p>Usage Notes Only optional if TXTYP = P. Prohibited for partial match.</p> <p>Valid Entry Notes Populated if provided by facility interface.</p> <p>For Loop Make Up queries: If Loop Make Up data is available-- Loop Make Up data will be provided in this field.</p> <p>If Loop Make Up data is not available— The following message will be returned, “Insufficient Information”</p>

Business Rules Snapshot LSOG 3/North

(Only fields that have changes are captured in this section.)

This transaction will allow the external user to process two different query types. One option will allow the external user to process an inquiry to qualify facilities prior to placing an order. This option provides qualification of facilities for ISDN or Premium Link Service. A request which attempts to qualify both a new facility and an existing facility must be performed as separate transactions.

The second option will allow the external user to determine loop make-up criteria prior to placing an order. The minimum requirement for a loop make up inquiry is designation of location. Location may be designated by either a validated service address or working telephone number.

Both options may be processed by either service address or working telephone number. If by service address you should input the address as returned on the Address Validation Response to ensure qualification of correct facilities. Bell Atlantic suggests performing an Address Validation transaction before performing a Loop Qualification transaction. A Loop Qualification Inquiry can be submitted by either service address or working telephone number except when qualifying a working CLEC telephone number. When the telephone number is CLEC-owned, CLECs should validate using service address fields. In the case where it is a CLEC-owned switch, Verizon does not have inventory of the CLEC telephone number therefore the address should be used.

Loop Qualification (Query)								LSOG 3	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
4	INQTYP	Inquiry Type	1	A	Required		1,1	Q= Loop Qualification Basic P= Loop Qualification Extended	Identifies type of inquiry. Valid Entry Notes See Appendix 2. 1, 2. 3 for all valid values. For Loop Qualification of ISDN or Premium Link Service: The first attempt should be with an INQTYP = Q. If that query returns unsuccessful, a second attempt should be done with INQTYP= P. Basic Loop Qualification (Q) will provide an automated response. Extended Loop Qualification (P) will be routed to Outside Engineering for a more extensive search, but timeframe for return will be longer. For Loop Make Up request the initial inquiry will use TXTYP = P.

Loop Qualification (Query)								LSOG 3	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
211	CHC	Reuse Existing Facility	1	A	Required		1,1	Y = Yes: Validate by TN only N = No: Validate by Service Address	<p>This field is used to qualify an existing telephone number upgrade to ISDN or Premium Link Service.</p> <p>Field Notes For Loop Make Up requests this field is not applicable, but must be supplied to enable the transaction to bypass existing edits. "Y" should be provided if validating by Qualifying TN. "N" should be provided if validating by Service Address.</p> <p>Usage Notes A request that attempts to qualify both a new facility and an existing facility must be performed as separate transactions. ISDN/Premium Link loop qualification requests only.</p> <p>Valid Entry Notes "Yes" indicates the request for a regrade of the existing facility to support the required loop qualification. In this case: Inquiry is the only valid activity. Only one loop may be qualified at a time: ADDFAC = 0 and QNR = 1. "No" indicates a request for new facilities, Facilities may or may not be available. In this case: Inquiry –Determine how many facilities will qualify. Validate by service address. ISDN/Premium Link loop qualification requests only.</p>

Loop Qualification (Query)								LSOG 3	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
30	QNR	*Quantity of Circuits Requested	*3	N	Required		1,1	001-999	<p>Total number of loops to be qualified.</p> <p>Valid Entry Notes For Loop Qualification of ISDN or Premium Link Service: If CHC = Y, then QNR = 1. If CHC = N then QNR = # of facilities requested.</p> <p>For Loop Make Up: QNR = 1.</p>
34e	SVCTYP	Service Type	35	A	Required		1,1	IBSD = ISDN Basic TXSU = Premium Link	<p>Identifies the service type requiring qualification.</p> <p>Field Notes: For Loop Make Up: Enter either value to bypass edits. This data will be ignored.</p> <p>Valid Entry Notes For Loop Qualification of ISDN or Premium Link Service: A Premium Link is a 2 wire digital ISDN qualified Loop. Use ISDN Basic for RESALE, and Premium Link for UNE loop qualification.</p>
35d	ADDFAC	# of Additional Facilities Needed	2	N	Conditional		0,1		<p>Provides the numbers of brand new loops that are required.</p> <p>Valid Entry Notes For Loop Qualification of ISDN or Premium Link Service: Required if CHC = N, otherwise prohibited. When CHC = N and INQACT = A, then ADDFAC = # of facilities requests.</p> <p>For Loop Make Up: Required if CHC = N, otherwise prohibited. ADDFAC = 1.</p>

Loop Qualification (Query)								LSOG 3	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
36	NPANXX	*Local Service Office	7	N	Conditional		0,1		<p>Identifies the NPA-NXX of the local service central office of the end user service location.</p> <p>Field Notes A dash is required between the NPA and the NXX.</p> <p>For Loop Make Up this field must be sent populated with 999999. If anything other than 999999 is entered the query will be treated as an extended loop qualification requests instead of a Loop Make up request.</p>
99b	REMARKS	Remarks	2000	AN	Conditional		0,1		<p>Identifies a free flowing field which can be used to expand upon and clarify other data on this form.</p> <p>Field Notes Prohibited on Basic Loop Qualifications (INQTYP) value Q. Required on Extended Loop Qualifications (INQTYP) value P.</p> <p>For Loop Qualification of ISDN or Premium Link Service: If a working Telephone Number is not provided, the TC must provide in remarks, either a working circuit, nearest pole number or nearest subscriber at the End User Location.</p> <p>For Loop Make Up enter "Loop Make Up Request".</p>

This transaction returns the disposition of the pre-order basic loop qualification or in Bell Atlantic North, extended loop qualification or loop make up query. This transaction is sent only in response to an inquiry. No unsolicited responses are sent.

Loop Qualification (Response)								LSOG 3	
No.	Field	Data Description	Length	Type	Usage	Grp.	Occur	Valid Entries	Notes and Conditions
6b	STATUS	Status	200	AN	Conditional		0,1	<ul style="list-style-type: none"> Line is Regradable Line is Not Regradable Service Availability Response Returned for Insufficient Information Inquiry Successful Return Inquiry to Sales Inquiry Completed 	<p>Seven possible values are returned.</p> <p>Valid Entry Notes For Loop Qualification of ISDN or Premium Link Service: Requery using INQTYP of P. If second attempt is unsuccessful follow up with the TISOC.</p> <p>Usage Notes For Loop Qualification of ISDN or Premium Link Service: The valid entries: Return for Insufficient Information, Inquiry Successful, Return Inquiry to Sales, and Inquiry Complete are only returned for Loop Qualification Extended.</p> <p>For Loop Make Up: Valid entry: Inquiry Complete.</p>
6f	ENGRMKS	Engineering Remarks	2000	AN	Conditional		0,1		<p>Includes engineering remarks.</p> <p>Usage Notes Only optional if INQTYP = P. Prohibited for partial match.</p> <p>Valid Entry Notes Populated if provided by facility interface.</p> <p>For Loop Make Up queries: If Loop Make Up data is available-- Loop Make Up data will be provided in this field.</p> <p>If Loop Make Up data is not available— The following message will be returned, “Insufficient Information”</p>

**ATTACHMENT D, DOCKET NO. 01-9,
FEBRUARY 2, 2001 EX PARTE LETTER**

Subject: Re: New Pre-Order Transactions - xDSL Loop Qual Extended and
Author: BA Change Control at NYNEX
Date: 1/31/01 6:18 PM

FYI

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cc:

From: BA Change Control

Date: 01/31/2001 06:17:14 PM

Subject: Re: New Pre-Order Transactions - xDSL Loop Qual Extended and
Loop
Makeup

All-

Verizon is developing two new Pre-Order transactions to provide additional capabilities to perform xDSL loop qualification and obtain loop makeup data that currently exists in Verizon-East databases. Attached is a description of the new transactions and draft business rules. We are targeting an October 2001 implementation for these transactions. A conference call will be held to review the transactions and answer questions. Details for the call are as follows:

Date: Thursday, February 8, 2001

Time: 9:30AM- 12:00PM

Dial In Number: 334 262-0740

Guest Code: 109786

Thank you.

New Preorder Transactions For xDSL Loop Qualification – Extended and Loop Makeup Data

Introduction

Verizon East is developing two new transaction capabilities that will allow CLECs to 1) request xDSL loop qualification information when it is not available from the Loop Qualification Database and 2) to obtain loop makeup information from existing data in its databases on a preordering basis. The purpose of this document is to describe these new transactions and explain how CLECs should interface with Verizon East. The new transactions are referred to as Preorder xDSL Loop Qualification – Extended and Preorder Loop Makeup requests.

The existing Preorder loop qualification transaction will remain after these two new transactions are implemented. In addition, the current order process which allows CLECs to request a loop qualification in conjunction with an order, and if successful, to immediately process an order will also remain in effect.

The following table briefly describes current and new transactions for loop qualification and loop makeup requests.

Trans. #	Existing/ New	Process Type	Description
1	Existing	Pre-Order	No change to existing process. Request DSL Loop Qualification from Loop Qualification Database (LQD). E.g., LQD response provides either loop length, reason not qualified, including an indication when data is not available from LQD.
2	Existing	Order	No change to existing process. Request DSL Loop Qualification as part of LSR order. If loop is qualified, order will be confirmed. If loop is not qualified, LSR will be queried. Loop qualification information may exist in LQD or may need to be created and then added to LQD.
3a	Interim	Pre-Order	Interim process. Request loop makeup as it exists in VZ loop makeup (lmu) database. (Separate documentation will be issued to describe interim process).
3b	NEW	Pre-Order	New process. Request for lmu as it exists in VZ loop makeup database. (Described below).
4	NEW	Pre-Order	New process. Request DSL Loop Qualification information to be created when this data is not available from the LQD. (Described below).

General Description

Current xDSL Loop Qualification Process:

Today, a CLEC may electronically submit a pre-order xDSL loop qualification request to the Loop Qualification Database (LQD). Most queries result in loop qualification information being returned to the CLEC. However, there may be cases when the LQD does not contain the requested xDSL loop qualification information. In these cases, a CLEC must then submit an LSR to determine whether the loop is qualified or not.

New Process – Preorder “xDSL Loop Qualification – Extended”

The current process will be enhanced with the introduction of a new transaction called Preorder xDSL Loop Qualification - Extended-. When the existing Pre-order xDSL Loop Qualification request (i.e. today's existing query) is returned as “not qualified” because information could not be obtained from the LQD, the CLEC will have the option of electronically submitting the Preorder xDSL Loop Qualification – Extended

transaction. This transaction requests Verizon to create loop qualification information when it is not available for the LQD. An electronic response will provide the loop length or indicate that the loop does not qualify and the reason why. When a positive response is returned, the CLEC may proceed to submit a firm order/LSR.

New Process - Preorder Loop Makeup Requests:

The Preorder Loop Makeup Request will allow CLECs to electronically submit requests for loop makeup based on service address and/or working telephone number information. Actual loop makeup information will be pulled from loop information data that is contained in Verizon East's databases. Approximately 10% of facilities in these databases currently contain loop makeup information. If the requested information exists in Verizon East's databases, an electronic response will provide loop makeup information to the CLEC.

General Interface Information for New Preorder Loop Qualification and Loop Makeup Transactions

Input Data

Preorder xDSL Loop Qualification Extended and Preorder Loop Makeup Requests

Both of these transactions will be made available through the existing pre-order interfaces: EDI, WEB GUI or CORBA. The transaction format specifications will conform to OBF LSOG 4 or LSOG 5 guidelines where such guidelines exist. Responses will be provided using the same interface by which the request was received (i.e. EDI, WEB-GUI or CORBA). Interface development work and deployment will conform to Change Management processes.

The current approach for data input requirements for the Preorder xDSL Loop Qualification Extended transaction and Loop Makeup Request transaction is to base the new transaction specification on the input specification for the existing pre-order xDSL loop qualification transaction.

The existing xDSL loop qualification transaction uses service address or WTN. The new xDSL Loop Qualification - Extended transaction will require service address or WTN (ported or CLEC-owned numbers are not valid) plus NC/NCI code. The new Loop Make-up transaction will require service address or WTN (ported or CLEC-owned numbers are not valid). Use of service address is recommended.

Output Data

Preorder xDSL Loop Qualification – Extended

Provides Y/N indication of loop qualification and the loop length, if qualified or reason not qualified, if not qualified.

Preorder Loop Makeup Request

Fields will be populated with the following information on loop makeup requests.

Segment Length by Gauge
Bridge Tap Location
Bridge Tap Length
Loop Composition (e.g. copper / fiber)
Existence of Digital Single Subscriber Carrier (DSSC)
Existence of Load Coils
Load Coil Spacing
Load Coil Quantity
Load Coil Type
Presence of DLC

LSOG 5

This transaction provides the external user an additional step to qualify facilities for xDSL loops prior to placing an order. This transaction should be used only after processing an xDSL Loop Qualification query. There are two requirements for this inquiry, the first is the designation of location. Location may be designated by either a validated service address or working telephone number. It is recommended to use service address. Due to the impact of number portability and number pooling, the WTN field should be the last resort for these query types. When the telephone number is CLEC-owned or has been location ported, the CLEC should validate using service address fields. In the case where it is a CLEC owned switch, Verizon does not have inventory of the CLEC telephone number, therefore the address should be used. The second requirement for this inquiry is the designation of product type by use of NC/NCI Codes.

xDSL LOOP Qualification Extended (Query) DRAFT								LSOG 5 DRAFT	
No.	Field	Data Description	Length	Type	Usage	Grp	Occur	Valid Entries	Notes and Conditions
2	TXNUM	Transaction Number	16	AN	Required		1,1		Identifies the customer provided tracking number to link the inquiry with the response. Field Notes: The TXNUM may be reused after a pre-determined time.
3	D/TSENT	Date and Time Sent	17	AN	Required		1,1		Identifies the date and time the transaction is sent. Valid Entry Notes: Date includes century: CCYYMMDD Time is military time: HHMM [SS]
4	TXTYP	Transaction Type	1	A	Required		1,1	K= xDSL Loop Qualification Extended	Identifies type of transaction. Valid Entry Notes: See Appendix 2. 1, 2. 3 for all valid entries.
5	TXACT	Transaction Activity	1	A	Required		1,1	A= New Inquiry	Identifies the pre-order transaction activity. Valid Entry Notes: See Appendix 2.2, 2.3
6	CC	Company Code	4	AN	Required		1,1		Identifies the Exchange Carrier generating the inquiry. (RSID for Reseller; AECN for Unbundler)

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xDSL LOOP Qualification Extended (Query) DRAFT								LSOG 5 DRAFT	
No.	Field	Data Description	Length	Type	Usage	Grp	Occur	Valid Entries	Notes and Conditions
8	TOS	Type of Service	4	AN	Required		1,1	1st Character (type) 1= Business 2= Residence 2nd Character (product) - = Not Applicable 3rd Character (class) -= Not Applicable 4th Character - = Not Applicable	Identifies the type of service for this inquiry. Valid Entry Notes: The first character will be populated followed by three dashes.

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xDSL LOOP Qualification Extended (Query) DRAFT								LSOG 5 DRAFT	
No.	Field	Data Description	Length	Type	Usage	Grp	Occur	Valid Entries	Notes and Conditions
13	AFT	Address Format Type	1	A	Conditional		0,1	<p>B = Unnumbered</p> <p>C = Provider Assigned House Number</p> <p>D = Descriptive</p>	<p>Identifies the format of the address being supplied.</p> <p>Field Notes: This field is used to identify the following address types: Unnumbered, Assigned House Number or Descriptive.</p> <p>Usage Notes: A value of "B" or "D" is required if the SASN is populated without the SANO field.</p> <p>Prohibited if WTN is populated.</p> <p>Otherwise optional.</p> <p>Valid Entry Notes: A value of "B" should be used with the SASN field to designate an Unnumbered address. A value of "C" should be used with the SANO field to designate an Assigned House Number.</p> <p>A value of "D" should be used with the SASN field to designate descriptive address.</p> <p>See Appendix 2.4.</p>

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xDSL LOOP Qualification Extended (Query) DRAFT								LSOG 5 DRAFT	
No.	Field	Data Description	Length	Type	Usage	Grp	Occur	Valid Entries	Notes and Conditions
14a	ROUTE	Route Number	6	AN	Conditional		0,1		<p>Identifies the route number of the service address.</p> <p>Usage Notes: Required when SASN and WTN are not populated.</p> <p>Required when BOX is populated</p> <p>Otherwise prohibited.</p>
14b	BOX	Box Number	9	AN	Conditional		0,1		<p>Identifies the box number of the service address.</p> <p>Usage Notes: Required when ROUTE is populated, otherwise prohibited.</p>
15	SANO	Service Address Number	10	AN	Conditional		0,1		<p>Identifies the number of the service address.</p> <p>Field Notes When "C" is entered in the AFT field this field will contain Assigned House Number.</p> <p>Usage Notes Optional when SASN is populated. Prohibited when WTN and ROUTE and BOX are not populated.</p> <p>Valid Entry Notes Wild card options are not available.</p> <p>See Appendix 2. 4.</p>

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xDSL LOOP Qualification Extended (Query) DRAFT								LSOG 5 DRAFT	
No.	Field	Data Description	Length	Type	Usage	Grp	Occur	Valid Entries	Notes and Conditions
17	SASF	Service Address Number Suffix	4	AN	Conditional		0,1		<p>Identifies suffix for the address number of the service address.</p> <p>Usage Notes Optional if SASN is populated, otherwise prohibited.</p> <p>Valid Entry Notes Wild card options are not available.</p> <p>See Appendix 2. 4.</p>
18	SASD	Service Address Street Directional Prefix	2	A	Conditional		0,1	<p>N = North S = South E = East W = West NE = Northeast NW = Northwest SE = Southeast SW = Southwest</p>	<p>Identifies the street directional prefix for the service address.</p> <p>Usage Notes Optional if SASN is populated, otherwise prohibited.</p> <p>Valid Entry Notes Wild card options are not available.</p> <p>See Appendix 2. 4.</p>

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xDSL LOOP Qualification Extended (Query) DRAFT								LSOG 5 DRAFT	
No.	Field	Data Description	Length	Type	Usage	Grp	Occur	Valid Entries	Notes and Conditions
19	SASN	Service Address Street Name	60	AN	Conditional		0,1		<p>Identifies the street name of the service address.</p> <p>Field Notes This field may be used in conjunction with the AFT field to designate the following address types: Unnumbered and Descriptive.</p> <p>When "D" is entered in the AFT field this field will contain a descriptive address.</p> <p>Usage Notes Required when WTN and ROUTE and BOX are not provided.</p> <p>Valid Entry Notes Wild card options are not available.</p> <p>See Appendix 2. 4.</p>
20	SATH	Service Address Street Type	7	AN	Conditional		0,1		<p>Identifies the thoroughfare portion of the street name of the service address.</p> <p>Usage Notes Optional if SASN is populated, otherwise prohibited.</p> <p>Valid Entry Notes Wild card options are not available.</p> <p>See Appendix 2. 4.</p>